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Neath Rural District Council

ANNUAL REPORT

For 1940.

Medical Officer of Health

STACEY BROS., NEATH.

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Neath Rural District Council

Chairman - Councillor A. VOWLES, J.P.
Deputy Chairman - Councillor J. S. GEORGE.

Councillor	Arthur, David.	Councillor	Griffiths, W. R.	Councillor	Jones, Geo., J.P.
,,	Atyeo, E. J.	,,	Harris, W. P.	,,	Jones, Wm., J.P.
,,	Barnard, S.	,,	James, John, J.P.	,,	Kimber, C. R.
,,	Boyle, P.	,,	James, John (*Crynant*)	,,	Morgan Morgan, J.P.
,,	Davies, Mary E.	,,	Jenkins, David.	,,	Norman, R. G.
,,	Davies, Wm.	,,	Jenkins, Mary.	,,	Protheroe, Clifford, J.P.
,,	Evans, D. J. (*decd*).	,,	Jenkins, W. P., J.P.	,,	Smith, R. M.
,,	Evans, J. T., J.P.	,,	John, Albert.	,,	Thomas, Alun C.
,,	Geary, R.	,,	Jones, Amy, J.P.	,,	Thomas, Gethin.

Councillor Williams, David.

PUBLIC HEALTH COMMITTEE.

Chairman - Councillor JOHN JAMES, J.P.
Vice-Chairman - C. PROTHEROE, J.P.
All Members of the Council.

MATERNITY AND CHILD WELFARE COMMITTEE.

Chairman - Councillor ALBERT JOHN.
Vice-Chairman - Councillor WM. DAVIES.
All Members of the Council.

CO-OPTED MEMBERS OF MATERNITY AND CHILD WELFARE COMMITTEE.

Mrs. C. Bickle.	Mrs. J. S. George.	Mrs. Miller.
Mrs. P. Boyle.	Mrs. E. John.	Mrs. Powell.
Mrs. Cornelius.	Mrs. Geary.	Mrs. E. Williams.
Mrs. Rosina Down.	Mrs. D. J. Jones.	Mrs. Todd.
Mrs. Davies.	Mrs. B. Gwyn.	

HOUSING COMMITTEE.

Chairman - Councillor WILLIAM JONES, J.P.
Vice-Chairman - Councillor MORGAN MORGAN, J.P.
All Members of the Council.

WATER COMMITTEE.

Chairman - Councillor DAVID JENKINS.
Vice-Chairman - - Councillor R. G. NORMAN.
All Members of the Council.

Public Health Officers

Medical Officer of Health :

J. GRIFFITHS, O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond. and Eng.).

Medical Officer for Maternity and Child Welfare and Ante-Natal Centres :

J. GRIFFITHS, O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond. and Eng.).

Obstetric and Gynaecological Consultant :

J. LLOYD DAVIES, M.D. (Lond.), M.R.C.P. (Lond.), F.R.C.S. (Edin.), D.P.H. (Lond. and Eng.).

Obstetric and Gynaecologistal Pathologist :

A. F. SLADDEN.

Sanitary Inspectors :

S. McNEIL, C.R.S.I.

C. G. STANFORD, C.R.S.I. & S.I.E.J.B.

T. HOWELL BEVAN, C.R.S.I. & S.I.E.J.B., R.S.I. Meat Cert. (In H.M. Forces).

W. ROSSER HARRIES, C.R.S.I. & S.I.E.J.B., R.S.I. Meat Cert.

Health Visitors :

G. H. JAMES, Registered State Nurse, C.M.B., Cert. H.V.Cert. (R.S.I.).

O. LEWIS, C.M.B., Cert., H.V. Cert. (R.S.I.).

E. EDWARDS, Registered State Nurse, C.M.B. Cert., New H.V. Cert. (R.S.I.).

Clerks :

D. J. DAVIES.

Miss CLARICE EVANS.

Junior Clerk :

MARJORIE RAINBOW.

Neath Rural District Council

Public Health Department,

Orchard Chambers,

Neath.

To the Chairman and Members of the
Neath Rural District Council.

Ladies and Gentlemen,

The birth-rate of your district has increased and is the highest recorded since 1935.

The still-birth rate is the lowest recorded since 1934.

There is nothing remarkable about the death-rate, little fluctuation having occurred each year during the past 10 years.

The infantile mortality rate which is 48 is the third lowest in the County of Glamorgan and is lower than that for England and Wales, which is 55. This low infantile mortality rate is a good indication of the standard of health maintained during the year and especially so in view of war-time conditions.

Housing schemes during the year were brought to a standstill, but 113 houses were erected by the Council and by Private Enterprise. Since 1918 the Council have built 800 houses.

I wish to put on record that the Engineer and Treasurer of the Council have furnished me with information relating to their Departments for the purpose of this report.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

J. GRIFFITHS,

Medical Officer of Health.

REPORT

I.—STATISTICS AND SOCIAL CONDITIONS OF THE ARES.

(*a*) **Area.**—The acreage of the Rural District (incuding land and inland water) is 52,039 acres.

The acreage of the various Parishes has been supplied in previous Annual Reports.

(*b*) **Population.**—The Registrar General's figures for the purpose of calculation of :—

(i) Birth-rate ..... 39,930.
(ii) Death-rates and Incidence of Notifiable Diseases 39,930.

(*c*) **Number of Inhabited Houses** (end of 1940 according to Rate Books 10,080.

(*d*) **Number of Private Families or Separate Occupiers** (Census, 1931) 9,447.

(*e*) **Rateable Value and Sum represented by a Penny Rate** :—

(1) Total Rateable Value ..... £142,061 0s. 0d.
(2) Produce of a Penny Rate—General Rate Purposes ..... £515 10s. 5d.

(*f*) **Extracts from Vital Statistics of the Year.**

		Total.	*M.*	*F.*		
LIVE BIRTHS	Legitimate	660	329	331	Birth-rate per 1,000 of the estimated resident population	17.0
	Illegitimate	16	7	9		
STILL-BIRTHS	Legitimate	29	18	11	Still-birth rate per 1,000 total (Live and Still-births) births	42.4
	Illegitimate	1	0	1		
DEATHS		455	261	194	Death-rate per 1,000 of the estimated resident population	11.4

Maternal Deaths.

	Deaths.	*Rate per* 1,000 *Total (Live and Still) Births.*
(i) Puerperal and Post-abortive Sepsis	1	1.39
(ii) Other Maternal Causes	2	2.79
(iii) Total	3	4.18

Death-rate of Infants under one year of age :—

All Infants per 1,000 live births 48
Legitimate Infants per 1,000 legitimate live births 48
Illegitimate Infants per 1,000 illegitimate live births 63

	Total.	*Males.*	*Females.*
Deaths from Cancer (all ages)	54	32	22
Deaths from Measles (all ages)	1	1	0
Deaths from Diarrhoea. Under 2 years of age)	4	0	4
Deaths from Whooping Cough (all ages)	0	0	0

(i) **Age Distribution of Cancer Deaths.**

Age Distribution.	*Males.*	*Females.*
0—25 years	1*	0
25—35 ,,	0	0
35—45 ,,	0	1
45—55 ,,	3	3
55—65 ,,	12	6
65 and upwards	16	12
Total	32	22

* Age 2 years.—Cause of death—Sarcoma of Glands of Neck.

Births.—The proportion of male to female births is as 1,000 to 988.

The number of Births and the Birth-rate (since 1931) for the Neath Rural District Area are shown in the following Table :—

Year.	*Births.*	*Birth-rate.*
1931	668	16.6
1932	666	16.6
1933	636	15.7
1934	710	17.5
1935	624	15.4
1936	641	15.9
1937	643	16.0
1938	643	15.9
1939	623	15.3
1940	676	17.0

Still-births.—The number of Still-births and Still-birth rate since 1934 for the Neath Rural District are shown in the following Table :—

Year.	*Still-births.*	*Still-birth Rate.*
1934	49	64.5
1935	39	58.8
1936	34	50.4
1937	38	55.8
1938	30	44.5
1939	36	54.6
1940	30	42.4

Deaths.—The deaths at all ages and from all causes during the year 1940 amounted to 455. Out of this total, 261 were males and 194 females. The deaths correspond to a death-rate of 11.4 per 1,000 of the population.

The number of deaths, as well as the percentage at different age periods, are given below :—

Age Period.	*No. of Deaths.*	*Death Percentage.*
0— 1 year	33	7.3
1— 2 years	4	0.9
2— 5 years	6	1.3
5—15 years	9	2.0
15—25 years	11	2.4
25—45 years	48	10.7
45—65 years	138	30.8
65 years and upwards	201	44.6
	450*	

* This is an unadjusted local figure which differs from that supplied by the Registrar General, i.e., 455 deaths.

The District Coroner held inquests on 40 deaths, i.e., 8.8% of the total deaths during the year.

Causes of Death.—The following Table gives a classification of the causes of death as recorded by the Registrar-General :—

	Causes of Death.	*Males.*	*Females.*	*Total.*
1.	Typhoid and Paratyphoid Fever	0	0	0
2.	Cerebro-spinal Fever	4	1	5
3.	Scarlet Fever	0	0	0
4.	Whooping Cough	0	0	0
5.	Diphtheria	2	2	4
6.	Tuberculosis of Respiratory System	18	9	27
7.	Other forms of Tuberculosis	4	3	7
8.	Syphilitic diseases	1	0	1
9.	Influenza	2	3	5
10.	Measles	1	0	1
11.	Acute Polio-myelitis and Polio-encephalitis	0	0	0
12.	Acute Infectious Encephalitis	0	0	0
13.	Cancer of Buccal Cavity and Oesophagus (M.), Uterus (F.)	4	3	7
14.	Cancer of Stomach and Duodenum	8	4	12
15.	Cancer of Breast	0	2	2

	Causes of Death.	*Males.*	*Females.*	*Total.*
16.	Cancer of all other sites	20	13	33
17.	Diabetes	2	2	4
18.	Intra-Cranial Vascular Lesions	23	21	44
19.	Heart Disease	63	38	101
20.	Other Diseases of Circulatory System	2	5	7
21.	Bronchitis	15	9	24
22.	Pneumonia	11	8	19
23.	Other Respiratory Diseases	7	0	7
24.	Ulcer of Stomach or Duodenum	4	1	5
25.	Diarrhoea, under 2 years	0	4	4
26.	Appendicitis	0	0	0
27.	Other Digestive Diseases	1	4	5
28.	Nephritis	11	16	27
29.	Puerperal and Post-abortive Sepsis	—	1	1
30.	Other Maternal Causes	—	2	2
31.	Premature Births	2	5	7
32.	Congenital Malformations, Birth Injuries, Infant Diseases	7	8	15
33.	Suicide	3	0	3
34.	Road Traffic Accidents	2	1	3
35.	Other Violent Causes	15	4	19
36.	All other Causes	29	25	54
		261	194	455

Transferable Deaths.—114 deaths occurred outside the District, i.e., being persons belonging to this District, and which are included in the total number of deaths, 455, stated above. 29 deaths occurred within the District among persons belonging to other districts. These have been transferred to the Districts concerned, and are not included in the number of deaths stated above.

The number of Deaths and Death-rate since 1931 for the District are shown in the following Table :—

Year.	*Deaths.*	*Death-rate.*
1931	424	10.5
1932	502	12.4
1933	460	11.3
1934	448	11.0
1935	433	10.7
1936	446	11.1
1937	455	11.3
1938	453	11.2
1939	489	12.0
1940	455	11.4

Seasonable Death-rate.—The following Table gives the number of Deaths and Death-rate for each quarter of the year :—

	No. of Deaths.	*Death-rate.*
First Quarter	156	15.6
Second Quarter	92	9.2
Third Quarter	113	11.3
Fourth Quarter	89	8.9

Infantile Mortality.—There were 676 births during the year and 33 deaths of children under one year of age, giving an infantile mortality rate of 48 per 1,000 live births.

The infantile mortality rates in legitimate and illegitimate infants were 48 and 63 respectively.

The following Table gives the number of births and deaths of infants under one year, together with its corresponding infant mortality rate for each year since 1931 :—

Year.	*Births.*	*Deaths under 1 year.*	*Rate per 1,000 Births.*
1931	668	42	63
1932	666	49	73
1933	636	50	79
1934	710	45	63
1935	624	33	53
1936	641	44	69
1937	643	41	64
1938	643	45	70
1939	623	41	65
1940*	686	33	48

* Adjusted birth figure for calculating infantile mortality rate.

Comparative Table of Populations, Births, Birth-rate, Deaths, Death-rate, Infant Mortality and Infant Mortality rate of Urban and Rural Districts within the County of Glamorgan :—

District.	*Population.*	*Births.*		*Deaths.*		*Infant Mortality.*	
		Number.	*Rate per 1000 pop.*	*No. of Deaths.*	*Crude Rate per 1000 pop.*	*Deaths under 1 Year.*	*Rate per Thousand Live Births*
Administrative County	716,400	11,652	16.3	9,575	13.4	777	65
Urban Districts	531,200	8,668	16.3	7,392	13.9	595	67
Rural Districts	185,200	2,984	16.1	2,183	11.8	182	60
England & Wales	—	—	14.6	—	14.3	—	55
Urban Districts.							
Aberdare	41,780	569	13.6	691	16.5	46	80
Barry	39,730	634	16.0	519	13.1	41	64
Bridgend	13,010	183	14.1	134	10.3	13	70
Caerphilly	31,630	610	19.3	484	15.3	54	87
Cowbridge	1,150	18	15.7	15	13.0	—	—
Gelligaer	35,630	710	19.9	435	12.2	49	68
Glyncorrwg	9,056	216	23.9	127	14.0	14	63
Llwchwr	25,620	396	15.5	324	12.6	35	88
Maesteg	23,640	443	18.9	318	13.6	37	81
Mountain Ash	32,250	566	17.6	444	13.8	30	51
Neath	31,240	415	13.3	428	13.7	27	64
Ogmore and Garw	23,160	430	18.6	298	12.9	29	65
Penarth	16,590	202	12.2	244	14.7	16	79
Pontypridd	38,340	661	17.2	524	13.7	34	50
Porthcawl	9,314	108	11.6	114	12.2	6	53
Port Talbot	41,340	666	16.1	539	13.0	44	65
Rhondda	117,900	1,841	15.6	1,754	14.9	120	63
Rural Districts.							
Cardiff	34,300	470	13.7	375	10.9	22	47
Cowbridge	12,540	223	17.8	130	10.4	16	72
Gower	10,180	166	16.3	134	13.2	7	42
Llantrisant & Llantwit Fardre	23,930	466	19.5	324	13.5	34	72
Neath	39,930	676	17.0	455	11.4	33	48
Penybont	31,100	539	17.3	346	11.1	38	69
Pontardawe	33,220	444	13.4	419	12.6	32	70

Deaths from "Principal Epidemic" Diseases.—The seven "Principal Epidemic" Diseases accounted for 9 deaths :—

Smallpox	0
Measles	1
Scarlet Fever	0
Diphtheria	4
Whooping Cough	0
Enteric Fever	0
Diarrhoea and Enteritis (under 2 years)	4
Total	9

Principal Epidemic Diseases Death-rate (since 1931) for the Neath Rural District (Glamorgan) are shown in the following Table :—

Year.	*Total Deaths.*	*Deaths from Zymotic Diseases.*	*Zymotic Diseases. Death-rate.*
1931	424	21	0.52
1932	502	20	0.49
1933	460	16	0.39
1934	448	11	0.27
1935	433	7	0.17
1936	446	12	0.29
1937	455	7	0.17
1938	453	8	0.19
1939	489	8	0.19
1940	455	9	0.22

Diarrhoea and Enteritis (under two years) ,Death-rates per 1,000 Births (since 1931) for the Neath Rural District (Glamorgan) are shown in the following Table :—

Year.	*Total Births.*	*Deaths under 2 years from Diarrhoea and Enteritis.*	*Death-rate per 1,000 Births.*
1931	668	2	2.99
1932	666	6	9.00
1933	636	2	3.14
1934	710	4	5.63
1935	624	3	4.80
1936	641	3	4.68
1937	643	1	1.55
1938	643	1	1.55
1939	623	0	0.00
*1940	686	4	5.83

* Adjusted birth-figure for calculating mortality rate.

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates, and Case-rates for certain Infectious Diseases in the year 1940. (England and Wales, London 126, Great Towns and 148 Smaller Towns).

(Provisional Figures based on Weekly and Quarterly Returns).

	England and Wales.	126 County Boro's and Great Towns including London.	148 Smaller Towns (Resident populations 25,000 to 50,000 at 1931 Census).	London Administrative County.	Neath Rural District.
Rates per 1,000 Population (Civilian).					
BIRTHS :					
Live	14.6	16.0	15.7	13.7	17.0
Still	0.55	0.64	0.55	0.44	0.76
DEATHS :—					
All Causes	14.3	15.8	12.8	17.8	11.4
Typhoid and Paratyphoid Fevers	0.00	0.00	0.00	0.00	0.00
Smallpox	—	—	—	—	—
Measles	0.02	0.02	0.02	0.01	0.02
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.02	0.00	0.00
Diphtheria	0.06	0.07	0.05	0.01	0.10
Influenza	0.32	0.29	0.30	0.18	0.12
NOTIFICATIONS :—					
Enteris	0.07	0.06	0.10	0.06	0.00
Cerebro-spinal Fever	0.32	0.33	0.29	0.28	0.60
Scarlet Fever	1.63	1.53	1.57	0.82	0.40
Whooping Cough	1.34	1.29	1.35	0.22	0.12
Diphtheria	1.16	1.29	1.21	0.61	2.30
Erysipelas	0.33	0.36	0.30	0.35	0.30
Smallpox	—	—	—	—	—
Measles	10.24	9.23	9.99	1.78	11.99
Pneumonia	1.20	1.37	1.00	0.87	1.57
Rates per 1,000 Live Births.					
Deaths under 1 year of age	55	61	54	50	48
Deaths from Diarrhoea and Enteritis under 2 years of age	4.6	5.9	4.4	5.8	5.8
Rates per 1,000 Total Births (i.e., Live and Still).					
MATERNAL MORTALITY (excluding Abortion) :—					
Puerperal Infection	0.52	Not available.			1.39
Others	1.64				2.79
TOTAL	2.16				4.18
NOTIFICATIONS :—					
Puerperal Fever / Puerperal Pyrexia	11.96	13.90	9.73	13.30	5.96

(*g*) **Sickness and Invalidity.**—No unusual or excessive sickness occurred during the year.

II.—GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(1) **Public Health Officers of the Authority.**—Diplomas and Certificates of Medical Nursing and Sanitary Officers of the Authority are given at the beginning of this Report.

(2) There have been no developments or changes in the services provided in the area that come under the following heads :—

(*a*) Laboratory Facilities.

(*b*) Ambulance Facilities.

(*c*) Nursing in the Home.

(*d*) Treatment Centres and Clinics, including Clinics used solely for Diagnosis or Consultation.

(*e*) Hospital : Public and Voluntary.

The existing Centres and particulars regarding same are given below :—

Name.	*Situation.*	*Nature of Accommodation.*	*By whom provided.*	*Purposes for which used.*
Glynneath	Infant Welfare Centre, Addoldy Road	Pram Shelter. Waiting Room. Disrobing and Weighing Room. Medical Officer's Room. Nurses' Room. Testing Room. Kitchen. Lavatories, etc., for Staff and Patients.	Neath Rural District Council.	Infant Welfare and Ante-Natal Clinics.
Seven Sisters	Infant Welfare Centre, Mary Street	do.	do.	do.
Skewen	Infant Welfare Centre, Cefn Park	do.	do.	Now used as a First Aid Post
Resolven	Miners' Welfare Hall	Two Rooms	do.	Infant Welfare Clinic.
Aberdulais	Baptist Chapel Vestry	Two Rooms	do.	do.
Efail Fach	"Y Gangen Chapel"	One Room (*partitioned*)	do.	do.
Onllwyn	Miners' Welfare Hall	Three Rooms	do.	do.
Skewen	United Methodist Vestry	Two Rooms	do.	do.
Neath	15, Orchard Street	Three Rooms	do.	Ante-Natal Clinic.

The following Table gives details of the attendances at each Centre during the year :—

Centre.	*Total Attendances.*		*First Year.*		*Number who attended during the year and who at the end of the year were :—*	
	Children under One year.	*Children One to Five years.*	*Children under One year.*	*Children One to Five years.*	*Children under One year.*	*Children One to Five years.*
Skewen	657	413	99	12	42	124
Seven Sisters	629	383	83	9	69	149
Pontrhydyfen	214	117	41	4	34	60
Aberdulais	488	463	72	24	64	137
Resolven	657	514	79	13	65	151
Glyn Neath	848	569	107	6	110	172
Onllwyn	361	313	52	10	50	78
Totals	3,854	2,772	533	78	434	871

The number of notifications of live-births received from Medical Practitioners and Midwives during the year amounted to 635. This figure read in conjunction with the number of first visits of children under 1 year (see Table above) shows that 84% of the babies born were brought to the Clinics.

Ante-Natal Centres.—Monthly sessions are held at each of the following Centres :—

(1) Clinic, Addoldy Road, Glyn Neath.

(2) Clinic, Mary Street, Seven Sisters.

Fortnightly sessions are held at the following Centre :—

(1) Health Dept., 15, Orchard Street, Neath.

The total attendances at these Centres during the year were :—

(*a*) Total number of Expectant Mothers who attended 223

(*b*) Total number of attendances by Expectant Mothers 441

The number of Maternity Cases admitted to the West Glamorgan County Hospital, Penrhiwtyn, Neath, during the year amounted to 46.

Other Facilities under Maternity and Child Welfare Schemes.

Arrangements are in existence for the treatment of tonsils and adenoids, dental and ophthalmic cases, by the appropriate officers of the Glamorgan County Council, a scale of charges being fixed between the two authorities.

The number of cases treated during the year was as follows :—

Tonsils and Adenoids	3
Eye Treatment	1
Dental Treatment :	
(*a*) Expectant Mothers	79
(*b*) Children	13

Cod-Liver Oil.

During the year, Cod Liver Oil was given in 75 instances; the total number of bottles supplied amounting to 133, the cost of which was £11 6s. 0d.

Assisted Milk Scheme.

Under this Scheme both fresh and dried milk were supplied under the following circumstances. On the 1st July, 1940, the administration of this work in respect of both fresh and dried milks was transferred from local authorities to the Ministry of Food. :—

(1) One pint of milk per day to expectant mothers in the last three months of pregnancy.

(2) One pint of milk per day to nursing mothers for a period of nine months when they are actually suckling their children.

(3) One pint of milk per day to babes (if not breast fed) and infants up to the age of five years, except in such instances where there is more than one child between the ages of three and five years, unless they be twins, when only one pint of milk is provided between them—where the family income comes within the following scale :—

Number in Family.	*Scale or Income after deducting Rent.*
1	13/- per head.
2	10/6 ,,
3	8/6 ,,
4	7/6 ,,
5	7/- ,,
6 and over	6/6 ,,

The number of applications granted monthly in respect of fresh milk during 1940 was as follows :—

	Expectant Mothers.	*Nursing Mothers.*	*Children.*	*Total.*	*Cost.* £ s. d.
January	19	39	251	309	117 19 0
February March	27	65	481	573	210 11 3
April May	18	82	404	504	189 13 9
June July	23	45	313	381	116 2 3

The total cost of fresh milk supplied during the year under review was £634 6s. 3d.

In such cases where it was requested dried milk was supplied instead of fresh milk.

The number of applicants granted monthly during 1940 was as follows :—

	No. of Children Supplied.	*No. of Packets Supplied.*	*Cost.* £ s. d.
January	30	120	11 0 0
February March	48	192	16 0 0
April May	24	94	7 16 8

The total cost of this dried milk supplied during the year amounted to £34 16s. 8d.

Hospitals.

During the year under review, there were no Public or Voluntary Hospitals within the area, but provision is made by the Council for the admission of maternity cases for institutional treatment to the West Glamorgan County Hospital, by arrangements with the Glamorgan County Council; a maintenance fee of six shillings per case per day is charged.

All infectious cases are removed to the Tonna Isolation Hospital, near Neath, which is jointly owned by the Neath Rural District and the Borough of Neath.

(3) No developments or changes occurred in the services provided under the following heads :—

(*a*) Midwifery Service (Glamorgan County Council, Supervising Authority).

(*b*) Maternity Services.

(*c*) Institutional provision for Mothers or Children.

(*d*) **Health Visitors.**—There are three Health Visitors employed by the Council and the following is a summary of the work done by them during the year :—

Visits to Expectant Mothers :—

First Visits, 247. Total Visits, 328.

Visits to Children under 1 year of Age :—

First Visits, 671. Total Visits, 1,369.

Visits to Children, 1 to 5 years :—

Total Visits, 1,868.

Visits to investigate Still-births	29
Visits to Cases of Ophthalmia Neonatorum	2
Visits to Tubercular Cases	207
Miscellaneous Visits	588
TOTAL VISITS	826

The number of births notified to the Department during the year was as follows :—

Live Births	635
Still-births	29
TOTAL	664

The births were notified by :—

Midwives	646
Doctors and Parents	18
TOTAL	664

(*e*) **Child Life Protection.**—No new case was brought to the notice of your Medical Officer during the year, and only one foster-parent's name and one foster-child's name were on the Register at the end of the year.

III.—SANITARY CIRCUMSTANCES OF THE AREA.

(**1**) **Water.**—The main water supply of the area is the Ystradfellte Water Scheme. A portion of the Parish of Rhigos is supplied from the Llynfawr Reservoir which belongs to the Rhondda Urban District Council.

RAINFALL.

The following monthly rainfall was recorded at Ystradfellte Reservoir during the Year 1940 :—

January	3.58	inches.
February	7.31	,,
March	7.66	,,
April	5.14	,,
May	2.02	,,
June	1.20	,,
July	5.75	,,
August	.83	,,
September	5.07	,,
October	9.88	,,
November	16.90	,,
December	6.39	,,
TOTAL	71.73	,,

Extension of Mains.—No extensions of water mains of any importance were carried out during the year.

The following are results of water analyses during the year :—

No.	*Source.*	*Bacteriological Examination.*	*Chemical Examination.*
1	Tap, Laleston House, Rhigos	Satisfactory.	Satisfactory.
2	Tap, Drymmau Road, Skewen	Satisfactory.	Satisfactory.
3	Tap, Brynteg Terrace, Seven Sisters	Satisfactory.	Satisfactory.
4	Tap, "Hyfrydfn", Glyn Neath Road, Resolven	Satisfactory.	Satisfactory.
5	Tap, Tanybryn, Cwmgwrach	Satisfactory.	Satisfactory.
6	Tap, Drymma Road, Skewen	Satisfactory.	Satisfactory.
7	Tap, Glyn Neath Road, Resolven	Satisfactory.	—
8	Tap, 11, Smiths Avenue, Rhigos	Satisfactory.	—
9	Tap, Efail Fach, Pontrhydyfen	Satisfactory.	—
10	Well, Alexandria Dairy, Skewen	Doubtful Purity.	Doubtful Purity.
11	Spring, Wern Andrew Farm, Skewen	Satisfactory.	—
12	Spring, Penisycoed Farm, Jersey Marine	Fairly Satisfactory.	—
13	Tap, 15, Siding Terrace, Skewen	Satisfactory.	—
14	Tap, 2, Cross Street, Resolven	Moderate Purity.	Satisfactory.
15	Tap, Private Reservoir	Satisfactory.	—
16	Tap, 2, Brynteg Terrace, Seven Sisters	Moderate Purity.	—
17	Tap, 4, Drymmau Road, Skewen	Doubtful Purity.	—
18	Tap, 3, Oddfellows Street, Glyn Neath	Satisfactory.	—
19	Tap, 11, Smiths Avenue, Rhigos	Fairly Satisfactory.	—
20	Tap, 2, New Road, Tonmawr	Satisfactory.	—
21	Tap 1, Council Houses, Cilfrew	Satisfactory.	—
22	Tap, 2, Brynteg Terrace, Seven Sisters	Moderate Purity.	—
23	Tap, 4, Drymmau Road, Skewen	Satisfactory.	—
24	Tap, 10, Smiths Avenue, Rhigos	Satisfactory.	—
25	Tap, 3, Oddfellows Street, Glyn Neath	Moderate Purity.	—

The following Table gives the various sources of water-supply together with the number of houses served by each supply, in each District, Valley, Parish and Ward :—

District (and Parishes)	Ystradfellte Water Scheme	Llynfawr Reservoir	Mr. Bevan's Private Reservoir	Neath Borough Reservoir	Springs Wells, etc.	Without Water Supply	Total	
DULAIS VALLEY—								
Dulais Higher (Crynant Ward)	315	0	0	0	21	0	336	
Dulais Higher (Seven Sisters Ward)	624	0	23	0	18	0	665	
Dulais Higher (Onllwyn Ward)	518	0	0	0	7	0	525	
Dulais Lower	305	0	0	0	41	0	346	
								1,872
NEATH VALLEY—(*Non-Tidal Portion*)—								
Rhigos	78	247	0	0	26	0	351	
Neath Higher	1,114	0	0	0	63	2	1,179	
Blaengwrach	195	0	0	0	21	0	216	
Resolven (Resolven Ward)	684	0	0	0	24	1	709	
Resolven (Cwmgwrach Ward)	235	0	0	0	6	1	242	
Neath Lower	99	0	0	0	14	0	113	
Clyne	226	0	0	0	7	0	233	
								3,043
NEATH VALLEY—(*Tidal Portion*)								
Tonna	401	0	0	4	41	0	446	
Blaenhonddan	1,011	0	0	0	41	0	1,052	
Dyffryn Clydach	517	0	0	0	33	1	551	
Coedffranc	2,466	0	0	0	20	0	2,486	
								4,535
AFAN VALLEY—								
Baglan Higher	105	0	0	0	5	0	110	
Michaelstone Higher	266	0	0	0	17	0	283	
								393
TOTALS	9,159	247	23	4	405	5	9,843	

(2) **Drainage and Sewerage.**—There were no extensions of sewerage carried out during the year.

(3) **Rivers and Streams.**—There was no evidence of pollution of rivers and streams during the year.

The following are the results of analyses of sewage and sewage effluent during 1940 :—

Date Collected.	*Description of Sample.*	*Organic Suspended Matter.*	*Organic Ammonia.*	*Petrescibility.*	*Dissolved Oxygen Consumed.*	*Nitrogen as Nitrates.*	*Remarks.*
2/1/40	Crude Sewage, Glynneath	Large Amount					
	Effluent, Glynneath	Small Amount	.18	Nil	4.66	.80	Fairly Efficient
2/1/40	Crude Sewage, Crynant	Apprec. Amount					
	Effluent, Crynant	Small Amount	.05	Nil	.77	Trace	Fairly Good
15/2/40	Crude Sewage, Resolven	Large Amount					
	Effluent, Resolven	Small Amount	.01	Nil	2.80	1.16	Moderate
15/2/40	Crude Sewage, Glynneath	Fair amount					
	Effluent, Glynneath	Small Amount	.16	Nil.	2.90	2.90	Efficient
16/2/40	Crude Sewage, Crynant	Fair Amount					
	Effluent, Crynant	Small Amount	.02	Nil	.53	.57	Efficient
29/3/40	Crude Sewage, Crynant	Small Amount					
	Effluent, Crynant	Small Amount	.01	Nil	.25	.62	Efficient
25/4/40	Crude Sewage, Glynneath	Apprec. Amount					
	Effluent, Glynneath	Small Amount	.20	Nil	1.28	.50	Efficient
17/4/40	Crude Sewage, Crynant	Fair Amount					
	Effluent, Crynant	Small Amount	.04	Nil	.32	.74	Efficient
25/4/40	Crude Sewage, Resolven	Appreci. Amount					
	Effluent, Resolven	Fair Amount	.56	Nil	5.86	1.10	Efficient
21/6/40	Crude Sewage, Resolven	Large Amount					
	Effluent, Resolven	Small Amount	.21	Nil	3.30	1.44	Moderate
8/7/40	Crude Sewage, Crynant	Fair Amount					
	Effluent, Crynant	Small Amount	.04	Nil	.78	1.08	Efficient
8/7/40	Crude Sewage, Glynneath	Apprec. Amount					
	Effluent, Glynneath	Small Amount	.37	Nil	1.35	.65	Moderate
30/7/40	Crude Sewage, Resolven	Considerable Amount					
	Effluent, Resolven	Small Amount	.26	Nil	3.60	.60	Moderate
5/9/40	Crude Sewage, Glynneath	Considerable Amount					
	Effluent, Glynneath	Fair Amount	.59	Nil	11.07	Nil	Satisfactory
5/8/40	Crude Sewage, Crynant	Fair Amount					
	Effluent, Crynant	Small Amount	.02	Nil	.48	1.4	Efficient
5/11/40	Crude Sewage, Resolven	Fair Amount					
	Effluent, Resolven	Small Amount	.13	Nil	2.80	.25	Moderate
5/11/40	Crude Sewage, Glynneath	Fair Amount					
	Effluent, Glynneath	Small Amount	.16	Nil	1.24	.64	Efficient
6/11/40	Crude Sewage, Crynant	Small Amount					
	Effluent, Crynant	Small Amount	.02	Nil	.29	.20	Efficient

(4) **Closet Accommodation.**—There were no conversions to the water carriage system during the year.

The following Table gives at a glance the position of each Parish as to the nature of its sanitary circumstances :—

PARISH	Struct'ral Separate Dw.lli'gs	Water Carriage System to Sewer	Water Carriage System to Cesspool &disused Pits	Water Carriage System to Rivers & Streams	Slop Water System only to Cesspool & Water Course	Houses without Drains	Pails	Privies	Houses without Closet accom-modation
DULAIS VALLEY :									
Dulais Higher { Crynant Ward	336	309	4	0	11	12	16	7	0
Dulais Higher { Seven Sisters Ward	665	640	2	0	17	6	19	1	0
Dulais Higher { Onllwyn Ward	525	512	2	0	8	3	10	4	0
Dulais Lower	346	302	7	0	23	14	30	7	0
TOTAL	1,872	1,763	15	0	59	35	75	19	0
NON-TIDAL PORTION OF NEATH VALLEY :									
Rhigos	351	70	18	1	189	73	236	19	7
Neath Higher	1,179	997	21	3	110	48	134	24	0
Blaengwrach	216	149	2	0	36	29	63	1	1
Resolven { Resolven Ward	709	654	11	0	35	9	42	2	0
Resolven { Cwmgwrach Ward	242	221	2	0	12	7	19	0	0
Neath Lower	113	0	10	0	92	11	96	7	0
Clyne	233	0	12	0	220	1	191	30	0
TOTAL	3,043	2,091	76	4	694	178	781	83	8
TIDAL PORTION OF NEATH VALLEY :									
Tonna	446	386	15	1	24	20	39	4	1
Blaenhonddan	1,052	910	36	0	86	20	86	17	3
Dyffryn Clydach	551	441	24	0	49	37	51	29	6
Coedffranc	2,486	2,411	18	0	36	21	51	6	0
TOTAL	4,535	4,148	93	1	195	98	227	56	10
AFAN VALLEY :									
Baglan Higher	110	0	2	0	92	16	93	15	0
Michaelstone Higher	283	231	7	0	42	3	41	3	1
TOTAL	393	231	9	0	134	19	134	18	1
GRAND TOTAL	9,843	8,233	193	5	1,082	330	1,217	176	19

(5) **Public Cleansing.**—Scavenging of the Rural Area is carried out by direct labour in the Parish of Coedffranc and by contract in all the other Parishes.

Considerable improvement has taken place throughout the whole area.

(6) **Sanitary Inspection of the Area.**

(*a*) The number and nature of inspections made during the year are given below :—

Nature of Visits.	*No.*	*Nature of Visits.*	*No.*
Re Cases of Infectious Diseases	145	To Provision, Butchers, Fish and Fruit	
General District Inspection	440	,, and Ice-Cream Shops	946
To Factories	40	,, Scavenging Dumps	261
,, Common Lodging Houses	6	,, Slaughter Houses	520
,, Workshops and Bakehouses	111	,, Public Houses	71
,, Picture Halls	37	,, Urinals	205
,, Barber Shops	58	,, Visits to Owners *re* Notices	63
,, Dairies, Cowsheds & Milkshops	249	*Re* Rats and Mice	28
,, Stables	64		
,, Piggeries	156	TOTAL	3,400

	Nature of Defects.	*No. of Defects.*
Dwellings	Defective walls, floors, troughing, ventilation, lighting, etc.	51
	Pantries	8
	Want of Cleanliness	4
	Dampness	35
Drains	New Drains	8
	Defective traps, gullies, etc.	10
	Choked or foul drains	16
Yards	Defective and Unpaved	18
	Neglect of Cleanliness	2
	Other nuisances in yards	1
Closets	New Pail Closets	3
	Disrepair	12
	New Pails Provided	3
	Neglect of Cleanliness	4
	Conversion of Privies into Pail Closets	3
Water-Closets	Conversion of Privies and Pail Closets to Water Closets	0
	Defective Structure and Fittings	17
	New Pans provided	12
	Choked or Foul	18
	New Flushing Arrangements	10
	Repair of Flushing Arrangements	28
	Provision of New ones	4
Wash-ups	Provision of new Wash-ups	2
	Defective traps, connections, etc.	3
Baths	Defective traps, connections, etc.	2
Cesspools	Foul or defective	4
Vent-Shafts	New ones provided	0
	Defective Shafts repaired	10
Stables, Cowsheds and Piggeries, etc.	Defective Structure	5
	To remove manure	14

Nature of Defects.	*No. of Defects.*
Factories, Workshops and Bakehouses	13
Provision, Butcher, Fish and Fruit, Dairies, Milk-Shops and Ice-cream Shops	7
Barber Shops	0
Picture Halls	1
Rats and Mice	28
Urinals	5
Refuse Removal	64
TOTAL	425

(*b*) **Number of Notices served.**

(1) Informal	256
(2) Statutory	9
TOTAL	265

(*c*) Result of the Service of above Notices :—(1) Informal Notices complied with 207

(2) Statutory Notices complied with	6
TOTAL	213

(7) **Eradication of Bed-bugs.**

(1) Houses Disinfested :—

(*a*) Council Houses	3
(*b*) Slum Clearance and Unassisted Houses	34*
(*c*) Private Enterprise	4

* In the above cases, the furniture and property of tenants were disinfested before taking up their tenancy of new Council Houses.

The work of disinfestation is carried out by the Sanitary Inspector, the infested houses being sprayed with Zaldecide or Pyagra after removal of woodwork such as picture-rails, floor-boards, etc. Tenants are advised not to buy second-hand furniture, bedding, etc.

(8) **Schools.** The sanitary conditions and water supply of Schools within the District are as follows :—

School.	*Source of Water.*	*Closet Accommodation.*
Aberdulais—Mixed	Ystradfellte Water Supply.	Water Carriage system to Sewer.
Aberdulais—Infants	do.	do.
Blaengwrach—Mixed	do.	do.
Blaengwrach—Infants	do.	do.
Bryncoch—Mixed	do.	do.
Bryncoch—Infants	do.	do.
Bryncoch (Non-provided)—Mixed & Infants	do.	do.
Cadoxton—Junior	do.	do.
Cadoxton—Senior	do.	do.

School.	*Source of Water.*	*Closet Accommodation.*
Cilfrew—Junior	Ystradfellte Water Supply.	Water Carriage system to Sewer
Coedffranc—Boys	do.	do.
Coedffranc—Girls	do.	do.
Coedffranc—Infants	do.	do.
Skewen Lower—Boys	do.	do.
Skewen Lower—Girls	do.	do.
Clyne—Mixed	do.	Water-carriage system to Cesspool.
Clyne—Infants	do.	do.
Crynant—Mixed	do.	Water-carriage system to Sewer.
Crynant—Infants	do.	do.
Glyn Neath—Boys	do.	do.
Glyn Neath—Girls	do.	do.
Glyn Neath—Infants	do.	do.
Jersey Marine—Mixed	do.	do.
Jersey Marine—Infants	do.	do.
Maesmarchog—Mixed	do.	do.
Maesmarchog—Infants	do.	do.
Neath Abbey—Infants	do.	do.
Onllwyn—Mixed	do.	do.
Onllwyn—Infants	do.	do.
Resolven—Boys	do.	do.
Resolven—Girls	do.	do.
Resolven—Infants	do.	do.
Rhigos—Mixed	Llynfawr Reservoir	Pail Closet.
Rhigos—Infants	do.	do.
Seven Sisters—Boys	Ystradfellte Water Supply	Water carriage system to Sewer.
Seven Sisters—Girls	do.	do.
Seven Sisters—Infants	do.	do.
Tonna—Mixed	do.	do.
Tonna—Infants	do.	do.
Tonmawr—Mixed	do.	Pail Closet.
Tonmawr—Infants	do.	do.

IV.—HOUSING.

(1) **Housing Schemes of Council.**

(*a*) Number of Houses completed and occupied during the year 84

(*b*) Number of Houses completed and occupied since 1918 800

(2) **By Other Bodies of Persons.**

(*a*) Number of Houses completed and occupied during the year 29

(3) **Inspection of Dwelling-Houses During the Year.**

(1) (*a*) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 220

(*b*) Number of inspections made for the purpose 330

(4) **Remedy of Defects During the Year Without Service of Formal Notices.**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authorities or their Officers 48

(5) Action under Statutory Powers During the Year.

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs 9

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

(*a*) By owners 6

(*b*) By Local Authority in default of owners 0

(6) Overcrowding.

(*a*) (*i*) Number of houses overcrowded at end of year 273

(*ii*) Number of families in these houses 474

(*iii*) Number of overcrowded families 290

(*iv*) Number of persons in overcrowded families 1,693

(*b*) Number of new cases of overcrowding discovered during the year 0

(*c*) (*i*) Number of cases of overcrowding relieved during the year 130

(*ii*) Number of persons concerned in such cases 734

(*d*) Particulars of cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding 0

It will be noted above heading (*c*) (*i*), that overcrowding has been relieved in 130

These are made up as follows :—

Relieved by Council 84

Relieved through families asdjusting themselves 46

The following Table gives details of overcrowding in the area in Parish and Ward order on the 31st December, 1940.

PARISH.	No. of cases of Overcrowding on Dec. 31st, 1939	No. of new cases year ending Dec. 31st, 1940	No. of Cases which became uncrowded during 1940	No. of cases of Overcrowding relieved by the Council during 1940	Total No. of cases of Overcrowding on Dec. 31st, 1940	Estimated No. of houses required to abate the overcrowding
Baglan Higher	0	0	0	0	0	0
Blaengwrach	0	0	0	0	0	0
Blaenhonddan	56	0	0	0	56	31
Clyne	21	0	0	0	21	14
Coedffranc	15	0	0	0	15	13
Dyffryn Clydach	31	0	0	0	31	23
DYLAIS HIGHER.						
Onllwyn Ward	72	0	64	42	8	8
Seven Sisters Ward	0	0	0	0	0	0
Crynant Ward	20	0	0	0	20	14
Dylais Lower	0	0	0	0	0	0
Michaelstone Higher	7	0	0	0	7	7
Neath Higher	66	0	66	42	0	0
Neath Lower	6	0	0	0	6	5
RESOLVEN.						
Resolven Ward	86	0	0	0	86	43
Cwmgwrach Ward	16	0	0	0	16	9
Rhigos	31	0	0	0	31	23
Tonna	0	0	0	0	0	0
	427	0	130	84	297	190

V.—INSPECTION AND SUPERVISION OF FOOD.

(*a*) **Milk Supply.**—249 visits were paid to farms and dairies during the year. The registered number of milk producers in the area is 146 and the registered number of milk vendors who are retailers only is 43. There are two producers of Tuberculin Tested Milk. One retailer is licensed to produce Pasteurised Milk, whilst four other retailers are licensed to sell Pasteurised Milk within the area which has been pasteurised outside the area.

(*b*) **Meat and Other Foods.**—On January 15th, 1940, the control of all meat supplies was taken over by the Government, with the result that the five small slaughterhouses situated at Glyn Neath, Cwmgwrach, Resolven, Seven Sisters and Crynant were closed and the remaining larger slaughterhouse at Court Herbert, Neath, was taken over by the Government as an "Export Slaughterhouse," the majority of the meat thereat being exported to other parts of the country, chiefly for manufacturing purposes.

The following number of Cattle were slaughtered and examined during the year under review :

Slaughterhouse	Cattle		Sheep and Lambs		Pigs		Calves	
	Sl.	Ex.	Sl.	Ex.	Sl.	Ex.	Sl.	Ex.
Court Herbert, Neath	174	174	14,200	14,200	2,392	2,392	18,808	18,808
	174	174	14,200	14,200	2,392	2,392	18,808	18,808

The following were surrendered at the slaughterhouse :—

Carcases :—

Cattle.		*Pigs.*		*Sheep & Lambs.*	*Calves.*	
T.B.	*Other Causes.*	*T.B.*	*Other Causes.*	*Other Causes.*	*T. B.*	*Other Causes.*
0	1	21	8	15	25	64

Heads :—

Cattle.		*Pigs.*	
T.B.	*Other Causes.*	*T.B.*	*Other Causes.*
4	1	194	0

Livers and Lungs :—Approximately 6,560 lbs.

The following were surrendered at various Shops :—

Home Killed Beef .... 1,071½ lbs.
Frozen and Chilled Beef .... 249½ lbs.
Bacon .... 4½ lbs.

VI.—PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The largest number of notifications of notifiable diseases during the year were in respect of Measles, Diphtheria, Pneumonia and Cerebro-Spinal Fever. The Parish distribution of these diseases is given in a Table below. The greatest number of Measles cases occurred in Coedffranc, Diphtheria in Baglan Higher and Cerebro-Spinal Fever in Dulais Valley.

During the year, on account of cases being sent in almost immediately to the Tonna Isolation Hospital, a smaller amount of Diphtheria Antitoxin has been supplied to Medical Practitioners.

During the year very little Diphtheria Immunisation was done and applications for immunisation were chiefly made after an appeal had been made by the Minister of Health. During 1941 this work has been carried out in earnest.

The following Table shows the results of examinations of specimens sent to the two laboratories during the year :—

Nature of Specimen.	*Number Examined.*	*Results.*	
		Positive.	*Negative.*
Swabs? Diphtheria	513	41	472
Sputum? T.B.	2	1	1
Pus from Abscess	1	0	1
Tongue Samples—Food Poisoning	2	0	2
Faeces—Food Poisoning	3	0	3

Smallpox.—There was no case of Smallpox in your area during the year.

Scarlet Fever.—16 cases were notified as compared with 43 for the previous year. There were no deaths. The attack-rate was 0.40 per 1,000 of the population.

Diphtheria.—During the year 92 cases of Diphtheria were notified as compared with 99 for the previous year. The parishes chiefly affected were Baglan Higher, Coedffranc, Neath Higher and Blaenhonddan. 4 cases terminated fatally. The attack-rate was 2.30 per 1,000 of the population and the death-rate 0.10.

Puerperal Pyrexia.—4 cases were notified during the year. 1 case was admitted to Hospital.

Ophthalmia Neonatorum.—2 cases were notified during the year and were treated at home. In neither case was the vision impaired.

Erysipelas.—12 cases occurred as compared with 9 the previous year. The attack-rate was 0.30 per 1,000 of the population.

Pneumonia.—63 cases were notified as compared with 70 the previous year. There were 19 deaths compared with 25 the previous year. The attack-rate was 1.57 and the death-rate 0.47 per 1,000 of the population.

Cerebro-Spinal Fever.—24 cases were notified during the year. 22 cases were removed to Hospital. 1 case died in Hospital outside the area of the Council, 1 died at home and 3 at the Tonna Isolation Hospital. The attack-rate was 0.60 and the death-rate 0.12 per 1,000 of the population.

The method of treatment adopted in respect of these cases has been lumbar puncture and anti-meningococal serum introduced into the Thecal Cavity, together with M. & B. (soluble) intramuscularly.

Tuberculosis.—There were 42 Pulmonary and 33 Non-Pulmonary cases of Tuberculosis notified during the year, as compared with 41 Pulmonary and 35 Non-Pulmonary for the previous year. During the year there were 27 deaths from Pulmonary and 7 from Non-Pulmonary Tuberculosis as compared with 19 from Pulmonary and 2 from Non-Pulmonary during the previous year. The death-rate per 1,000 of the population for Pulmonary Tuberculsois was 0.68, for Non-Pulmonary Tuberculosis 0.17, and for total Tuberculosis deaths (all forms) 0.85.

Notifiable Diseases (other than Tuberculosis).

The following Table gives the incidence of Notifiable Infectious Diseases in the area during the year 1940, together with the number of cases admitted to Hospital and the number of deaths :—

Diseases.	*Total Cases notified.*	*Cases admitted to Hospital.*	*Total Deaths.*
Smallpox	0	0	0
Scarlet Fever	16	11	0
Diphtheria	92	91	4
Enteric Fever (including Paratyphoid)	0	0	0
Puerperal Pyrexia	4	1	1
Pneumonia	63	0	19
Erysipelas	12	6	0
Cerebro-spinal Fever	24	22	5
Ophthalmia Neonatorum	2	0	0
Whooping Cough	5	0	0
Measles	479	0	1

The Table below shows the age distribution of notified Infectious Diseases :—

Diseases.	*All Ages*	*Under 1 year*	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65 & *over*
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet Fever	16	0	3	2	2	0	7	2	0	0	0	0	0
Diphtheria	92	0	1	4	7	10	27	21	12	8	2	0	0
Enteric Fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerperal Pyrexia	4	—	—	—	—	—	—	—	0	3	1	0	—
Pneumonia	63	6	3	3	3	2	6	3	6	7	12	9	3
Erysipelas	12	0	0	0	0	0	1	0	0	4	2	5	0
Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Ophthalmia Neonatorum	2	2	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	24	0	1	3	1	1	4	6	2	4	0	2	0
Whooping Cough	5	1	0	0	0	3	1	0	0	0	0	0	0
Measles	479	9	43	49	55	59	203	47	8	6	0	0	0

Number of Deaths.

The following Table shows the number of deaths from Infectious Diseases during the year, as well as age distribution :—

	All Ages	*Under 1 year*	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65 & *over*
Diphtheria	4	0	0	0	0	1	3	0	0	0	0	0	0
Cerebro-spinal Fever	5	0	1	1	1	0	0	0	0	2	0	0	0
Pneumonia	19	4	1	0	0	1	0	0	0	1	1	8	3
Measles	1	0	0	1	0	0	0	0	0	0	0	0	0

The following Table shows the incidence of Scarlet Fever, Enteric Fever, Diphtheria, Puerperal Fever, and Erysipelas (per 1,000 population) since 1931.

Year.	*Scarlet Fever.*	*Enteric Fever.*	*Diphtheria.*	*Puerperal Pyrexia.*	*Erysipelas.*
1931	0.99	0.02	2.26	0.05	0.10
1932	1.39	0.00	2.23	0.12	0.37
1933	1.47	0.00	0.78	0.04	0.17
1934	1.43	0.00	0.42	0.09	0.20
1935	0.79	0.00	10.3	0.09	0.32
1936	2.91	0.00	2.28	0.05	0.29
1937	2.89	0.02	1.24	0.02	0.15
1938	2.18	0.04	3.05	0.07	0.09
1939	1.06	0.08	2.40	0.04	0.23
1940	0.40	0.00	2.30	0.10	0.30

Ophthalmia Neonatorum.

Notified.	*Cases.*		*Vision Unimpaired.*	*Vision Impaired.*	*Total Blindness.*	*Total Deaths.*
	Treated					
	At Home.	*Hospital.*				
2	2	0	2	0	0	0

Infectious Diseases Incidence—Parish Distribution.

	Smallpox	Scarlet Fever	Diphtheria	Enteric Fever	Cerebro-spinal Fever	Whooping Cough	Puerperal Pyrexia	Ophthalmia Neonatorum	Erysipelas	Pneumonia (all forms)	Measles	Acute Poliomyelitis	Tuberculosis	
													Pulmonary	Non-Pulmonary
DULAIS VALLEY :														
Parish of Dulais Higher	0	5	8	0	10	0	2	0	1	1	2	0	7	3
Parish of Dulais Lower	0	0	4	0	3	0	0	0	0	2	1	0	2	0
TOTAL	0	5	12	0	13	0	2	0	1	3	3	0	9	3
NON-TIDAL PORTION OF NEATH VALLEY :														
Parish of Rhigos	0	2	0	0	0	0	0	0	1	0	2	0	1	0
Parish of Neath Higher	0	2	12	0	0	2	1	1	1	9	3	0	9	3
Parish of Blaengwrach	0	0	2	0	0	0	0	0	0	0	3	0	0	1
Parish of Resolven	0	2	1	0	2	0	0	0	3	12	98	0	5	5
Parish of Neath Lower	0	0	0	0	0	0	0	0	0	0	5	0	0	1
Parish of Clyne	0	0	0	0	0	0	0	0	1	1	13	0	0	0
TOTAL	0	6	15	0	2	2	1	1	6	22	124	0	15	10
TIDAL PORTION OF NEATH VALLEY :														
Parish of Tonna	0	1	5	0	0	0	0	0	0	2	20	0	0	1
Parish of Blaenhonddan	0	1	11	0	1	0	0	0	0	4	29	0	2	4
Parish of Dyffryn Clydach	0	1	6	0	0	1	0	0	0	8	27	0	4	2
Parish of Coedffranc	0	1	17	0	6	2	1	1	3	24	271	0	10	12
TOTAL	0	4	39	0	7	3	1	1	3	38	347	0	16	19
AFAN VALLEY :														
Parish of Baglan Higher	0	1	21	0	1	0	0	0	0	0	0	0	0	0
Parish of Michaelstone Higher	0	0	5	0	1	0	0	0	2	0	5	0	2	1
TOTAL	0	1	26	0	2	0	0	0	2	0	5	0	2	1
TOTAL (all Parishes)	0	16	92	0	24	5	4	2	12	63	479	0	42	33

(*b*) **Tuberculosis.**—The following Table shows particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1940 :—

Age Periods.	*New Cases (Notified).*				*Deaths.*			
	Pulmonary.		*Non-Pul.*		*Pulmonary.*		*Non-Pul.*	
	M.	*F.*	*M.*	*F.*	*M.*	*F.*	*M.*	*F.*
0 Years to 1 Year	0	0	0	0	0	0	0	0
1 Year to 5 Years	0	0	1	2	0	0	0	1
5 Years to 10 Years	0	0	2	5	0	0	0	0
10 Years to 15 Years	0	0	7	2	0	0	0	1
15 Years to 20 Years	4	5	2	2	1	1	1	0
20 Years to 25 Years	3	2	1	2	0	1	0	1
25 Years to 35 Years	7	5	1	3	8	6	2	0
35 Years to 45 Years	3	2	1	1	1	0	0	0
45 Years to 55 Years	3	1	0	0	4	0	0	0
55 Years to 65 Years	4	1	0	0	4	1	1	0
65 Years and upwards	2	0	1	0	0	0	0	0
TOTALS	26	16	16	17	18	9	4	3

The ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths is as 5 is to 34.

The death-rates from Tuberculosis (since 1931) are shown in the following Table :—

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
General Death-rate	10.5	12.4	11.3	11.0	10.7	11.1	11.3	11.2	12.0	11.4
Pulmonary Tuberculosis	0.64	0.69	0.86	0.96	0.56	0.42	0.49	0.59	0.46	0.68
Tuberculosis (other forms)	0.14	0.09	0.32	0.07	0.17	0.17	0.19	0.12	0.05	0.17
Tuberculosis (all forms)	0.79	0.79	1.18	1.03	0.74	0.59	0.68	0.71	0.51	0.85